

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

200144.413USP

APPLICATION NO.

10/517,805

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Ernesto Menta et al.

FILING DATE

December 5, 2005

GROUP ART UNIT

1625

## U.S. PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,278,547	10/11/66	Brown	260	309.2	
	AB	3,338,784	08/29/67	Brown	167	53	
	AC	4,581,453	04/08/86	Ippen et al.	544	331	
	AD	5,574,062	11/12/96	Hashimoto et al.	514	457	
	AE	5,908,933	06/01/99	Trkovnik et al.	546	89	
	AF	6,020,363	02/01/00	Hirano et al.	514	456	
	AG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AH	EP 284017 A1	09/28/88	EPO		
	AI	EP 542372 A1	05/19/93	EPO		
	AJ	JP 05-000945	01/08/93	JP		X
	AK	JP 05-000945	01/08/93	JP	X	
	AL	WO 97/15308	05/01/97	WIPO		
	AM	WO 98/17267	04/30/98	WIPO		
	AN	WO 01/44189	06/21/01	WIPO		
	AO					

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Abdelhamid, A.O. et al., "A Convenient Synthesis of Thiophene, 1,3-Thiazole, 2,3-Dihydro-1,3,4-thiadiazole and Pyrazole Derivatives," <i>Journal of Chemical Research, Synopses</i> (7): 240-241, July 1997.
AQ	Azuma, H., "Genetic and molecular pathogenesis of hereditary hemorrhagic telangiectasia," <i>Journal of Medical Investigation</i> 47:81-90, 2000.
AR	Cheson, B.D. et al., "Novel Therapeutic Agents for the Treatment of Myelodysplastic Syndromes," <i>Seminars in Oncology</i> 27:560-577, October 2000.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BD/

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BA						

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				YES	NO
BB					

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BC	De Vriese, An S. et al., "Antibodies against Vascular Endothelial Growth Factor Improve Early Renal Dysfunction in Experimental Diabetes," <i>Journal of the American Society of Nephrology</i> 12:993-1000, 2001.
BD	Desai, M.K. et al., "Fluorescence and Lasing Properties of Some New Coumarin Dyes," <i>Molecular Materials</i> 8: 339-347, 1997.
BE	Eisenstein, R., "Angiogenesis in Arteries: Review," <i>Pharmacology &amp; Therapeutics</i> 49(1/2):1-19, 1991.
BF	El-Morsy, S.S. et al., "Synthesis and Antimicrobial Activity of some New Thiazolo-, Quinoxalino-, Piperidino- and Naphthatriazino- coumarins," <i>Journal of the Indian Chemical Society</i> 65(10):699-701, October 1988.
BG	GenBank Database, Accession No. AAA35789, April 27, 1993.
BH	GenBank Database, Accession No. NP_004460, December 18, 2007.
BI	GenBank Database, Accession No. P35916, December 4, 2007.
BJ	GenBank Database, Accession No. P35968, December 4, 2007.
BK	GenBank Database, Accession No. XP_003456, October 16, 2001.
BL	GenBank Database, Accession No. XP_006539, July 16, 2001.
BM	Giatromanolaki, A. et al., "The angiogenic pathway 'vascular endothelial growth factor/flk-I (KDR)-receptor' in rheumatoid arthritis and osteoarthritis," <i>Journal of Pathology</i> 194:101-108, 2001.
BN	Gohar, A.-K. M.N., "Synthesis of Several New Chromone Derivatives and Their Antibacterial Activity," <i>Egyptian Journal of Chemistry</i> 31(3):367-364, 1988.

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CA						

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				YES	NO
CB					

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	Gürsoy, A. et al., "4-(3-Coumarinyl)-4-thiazolin-2-one Benzylidene-hydrazones with Antituberculosis Activity," <i>Arzneimittel Forschung, Drug Research</i> 50(1):167-172, February 2000.
CD	Gürsoy, A. et al., "Synthesis and Characterisation of Some 3-Acetylcoumarin Derivatives and Their Antimicrobial Evaluation," <i>Acta Pharmaceutica Turcica</i> 34:9-15, 1992.
CE	Hanmantgad, S.S. et al., "Biomimetic thiazolyl coumarins," <i>Nat. Acad. Sci. Letters</i> 7(3): 77-78, 1984.
CF	Hishmat, O.H. et al., "Synthesis of Some Coumarin Derivatives and their Antimicrobial Activity," <i>Archives of Pharmaceutical Research</i> 12(3):181-185, 1989.
CG	Hoshi, K. et al., "Histopathological Characterization of Melorheostosis," <i>Orthopedics</i> 24(3):273-277, March 2001.
CH	Kalluraya, B. et al., "Synthesis and biological activity of 6-substituted-3-[2-(5-substituted-2-furfurylidenehydrazino)-4-thiazolyl] coumarins," <i>Boll. Chim. Farmac.</i> 139(5): 263-266, November/December 2000.
CI	Kalluraya, B. et al., "Synthesis and Biological Activity of Some 2-Aryl-4-Coumarino-Thiazoles," <i>Indian Journal of Heterocyclic Chemistry</i> 5: 153-154, October-December, 1995.
CJ	Kalluraya, B. et al., "Synthesis of Some Triheterocyclic Thiazole Derivatives of Biological Interest," <i>Indian Journal of Heterocyclic Chemistry</i> 8: 241-242, January-March 1999.
CK	Kanazawa, S. et al., "VEGF, Basic-FGF, and TGF- $\beta$ in Crohn's Disease and Ulcerative Colitis: A Novel Mechanism of Chronic Intestinal Inflammation," <i>The American Journal of Gastroenterology</i> 96(3):822-828, 2001.
CL	Kimura, I. et al., "New Triterpenes, Myrrhanol A and Myrrhanone A, from Guggul-Gum Resins, and their Potent Anti-Inflammatory Effect on Adjuvant-Induced Air-Pouch Granuloma of Mice," <i>Bioorganic &amp; Medicinal Chemistry Letters</i> 11:985-989, 2001.
CM	Kreutzberger, von A. et al., "Antibakterielle Wirkstoffe in der Reihe der Dehydro-N-Mannich-Basen," <i>Chemiker Zeitung</i> 100: 390-391, September 1976.

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				YES	NO
DB					

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DC	Kulkarni, G.M. et al., "Synthesis and Anti-inflammatory Activity of Some New Triheterocyclic Thiazoles," <i>Revue Roumaine de Chimie</i> 35(4):549-554, April 1990.
DD	Kulkarni, M.V. et al., "Synthesis and Biological Properties of Some 3-Heterocyclic Substituted Coumarins," <i>Archiv der Pharmazie</i> 314:435-439, May 1981.
DE	Lerchen, H.-G. et al., "Design and Optimization of 20-O-Linked Camptothecin Glycoconjugates as Anticancer Agents," <i>Journal of Medicinal Chemistry</i> 44(24):4186-4195, November 22, 2001.
DF	Lingen, M.W., "Role of Leukocytes and Endothelial Cells in the Development of Angiogenesis in Inflammation and Wound Healing," <i>Arch. Pathol. Lab Med.</i> 125:67-71, January 2001.
DG	Lip, P.-L. et al., "Age-related Macular Degeneration is Associated with Increased Vascular Endothelial Growth Factor, Hemorheology and Endothelial Dysfunction," <i>Ophthalmology</i> 108:705-710, 2001.
DH	Meneses, P.I. et al., "Recombinant angiostatin prevents retinal neovascularization in a murine proliferative retinopathy model," <i>Gene Therapy</i> 8:646-648, 2001.
DI	Nickoloff, B.J., "Characterization of Lymphocyte-Dependent Angiogenesis Using a SCID Mouse: Human Skin Model of Psoriasis," <i>Journal of Investigative Dermatology Symposium Proceedings</i> 5(1):67-73, December 2000.
DJ	Nielsen, S.F. et al., "Antileishmanial Chalcones: Statistical Design, Synthesis, and Three-Dimensional Quantitative Structure - Activity Relationship Analysis," <i>Journal of Medicinal Chemistry</i> 41(24):4819-4832, November 19, 1998.
DK	Orita, M. et al., "Coumarin and Chromen-4-one Analogues as Tautomerase Inhibitors of Macrophage Migration Inhibitory Factor: Discovery and X-ray Crystallography," <i>Journal of Medicinal Chemistry</i> 44(4):540-547, February 15, 2001.
DL	Sherer, D.M. et al., "Angiogenesis during Implantation, and Placental and Early Embryonic Development," <i>Placenta</i> 22:1-13, 2001.

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				YES	NO
EB					

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EC	Sherer, D.M. et al., "The Role of Angiogenesis in the Accumulation of Peritoneal Fluid in Benign Conditions and the Development of Malignant Ascites in the Female," <i>Gynecologic and Obstetric Investigation</i> 50:217-224, 2000.
ED	Szekanecz, Z. et al., "Update of Synovitis," <i>Current Rheumatology Reports</i> 3: 53-63, 2001.
EE	Walsh, D.A. et al., "Angiogenesis in the pathogenesis of inflammatory joint and lung diseases," <i>Arthritis Research</i> 3:147-153, 2001.
EF	Westphal, G., "Heterocyclen aus Lävulinsäure. Reaktionen des $\alpha$ -Angelicalactons und 3-Acetoncumarins," <i>Tetrahedron</i> 25(21):5199-5203, 1969.
EG	Yagodinets, P.I. et al., "Synthesis and Antimicrobial Activity of Derivatives of Phosphorus- and Nitrogen-Containing Coumarins," <i>Pharmaceutical Chemistry Journal</i> 29(1): 54-56, 1995.
EH	
EI	
EJ	
EK	
EL	

EXAMINER /Bernard Dentz/

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04/23/2008

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